

CLAIMS

1. A headphone apparatus capable of winding and storing a cord around a reel pivotally fitted in a freely turnable manner to a pivot in a headphone housing, comprising:

contact points provided in said headphone housing, and a terminal board provided in said reel, which includes metal slip rings.

2. A headphone apparatus according to claim 1,

wherein said terminal board is provided on the lower surface of said reel, said contact points are provided at a position opposed in a bored portion of the reel, and

two or more kinds of cords are simultaneously wound around the reel.

3. A headphone apparatus according to claim 1 or 2,

wherein a peeled portion made by partly peeling a ground input cord of an input plug connected to a drive unit in one of said headphone housings is connected to terminals of said metal slip rings, and

an end of the input cord continuing from the peeled portion to be a passage cord is connected to a ground terminal of the drive unit.

4. An electronic apparatus capable of winding and storing a cord around a reel pivotally fitted in a freely turnable manner to a pivot provided in an upright position in a casing of a portable electronic apparatus, comprising:

contact points provided in said casing of the electronic apparatus, and a terminal board provided in said reel, which includes metal slip rings.

5. An electronic apparatus according to claim 4, wherein said terminal board is provided on the lower surface of said reel, said contact points are provided at a position opposed in a bored portion of the reel, and

two or more kinds of cords are simultaneously wound around the reel.

6. An electronic apparatus according to claim 4, wherein said reel includes a hub or a hub and upper and lower flanges; said terminal board is provided on the lower surface of the reel; brushes of said contact points are provided, in the electronic apparatus casing, opposed to said metal slip rings on the terminal board; and

two or more kinds of cords are simultaneously wound around the reel.

7. An electronic apparatus according to any one of claims 4 to 6,

wherein a peeled portion made by partly peeling a ground input cord of an input plug connected to a drive unit in one of headphone housings is connected to terminals of said metal slip rings, and

an end of the input cord continuing from the peeled portion to be a passage cord is connected to a ground terminal of the drive unit.

8. A cord-winding device capable of winding and storing a cord around a reel pivotally fitted in a freely turnable manner to a pivot in a headphone housing or casing, comprising:

contact points provided in said headphone housing or casing, and a terminal board provided in said reel, which includes metal slip rings.

9. A cord-winding device according to claim 8,

wherein a peeled portion made by partly peeling a ground input cord of an input plug connected to a drive unit in one of said headphone housings or in said casing is connected to terminals of said metal slip rings, and

an end of the input cord continuing from the peeled portion to be a passage cord is connected to a ground terminal of the

drive unit.

10. A cord-winding method capable of winding and storing a cord around a reel pivotally fitted in a freely turnable manner to a pivot in a headphone housing or casing,

wherein contact points are provided in said headphone housing or casing, a terminal board including metal slip rings is provided in said reel, and said cord is wound around the reel.